

Patent Abstracts of Japan

PUBLICATION NUMBER : 01005556
PUBLICATION DATE : 10-01-89

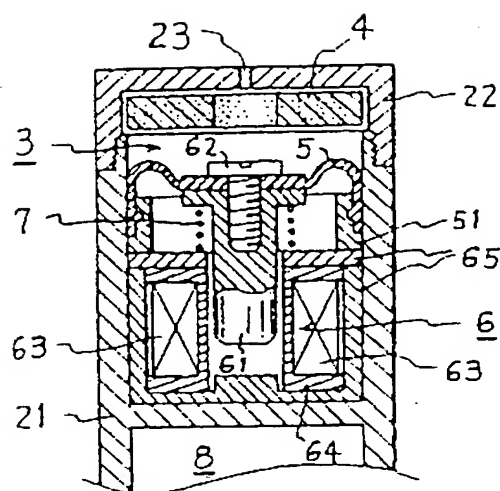
APPLICATION DATE : 29-06-87
APPLICATION NUMBER : 62159830

APPLICANT : NIPPON CHEM KOGYO KK;

INVENTOR : NISHIMURA HARUO;

INT.CL. : A61L 9/12

TITLE : AROMATIC DEVICE



ABSTRACT : PURPOSE: To freely control the emitting amount of aroma and to prevent the leakage and diffusion thereof after the stoppage of emission, by providing an air blowing bellows like diaphragm displaced in one direction in a normal state by the pressure of a spring and the solenoid for driving said diaphragm.

CONSTITUTION: When a solenoid 6 is driven and a plunger 61 is slid up and down, a diaphragm 5 is shaken up and down and, therefore, the air in a receiving chamber 3 and the open air are made forcibly accessible to said chamber 3 through an emitting port 23. By this flow of these airs, the fragrance of the aromatic agent 4 allowed to fill a container is gradually released to the outside. When a power source is turned off, the solenoid 6 and the diaphragm 5 are returned to the position shown by a drawing to stop and, therefore, the going in and out of air through the emitting port 23 formed of a fine orifice is eliminated. Therefore, fragrance is not almost discharged and leaked to the outside.

COPYRIGHT: (C)1989,JPO&Japio